

Fig. 1A

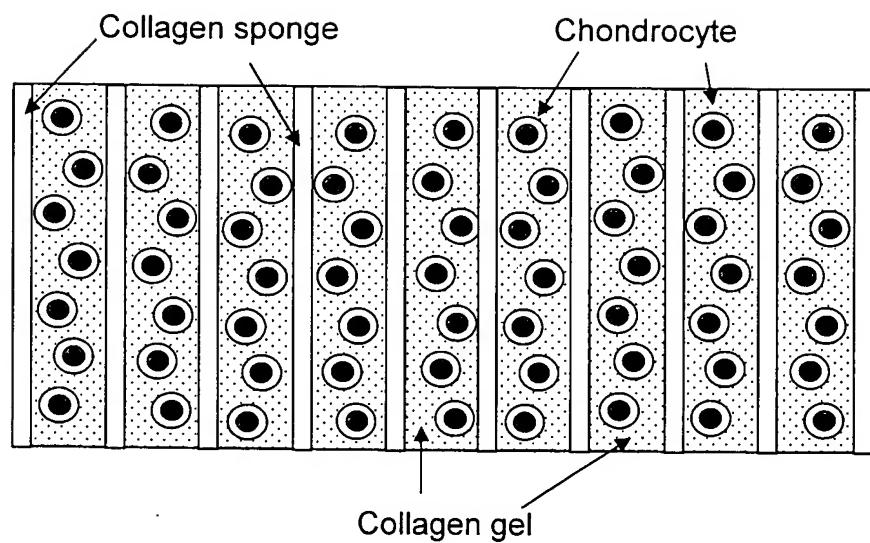


Fig. 1B

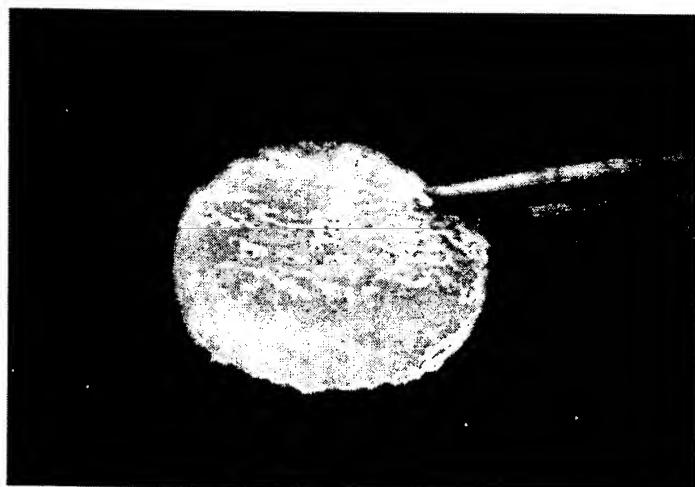


Fig. 2A

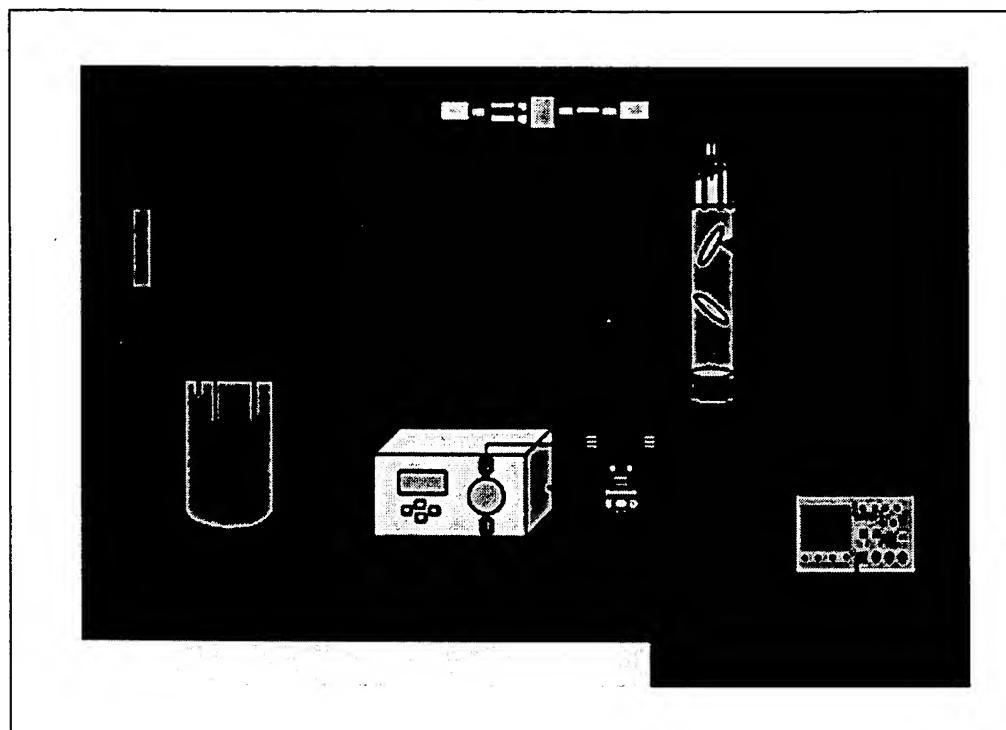
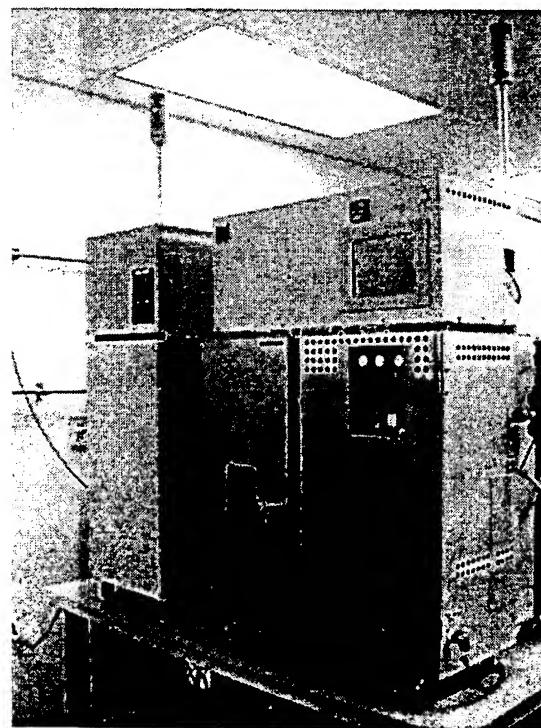


Fig. 2B



- Hydrostatic static pressure
- Medium flow rate
- Gas concentration
- Temperature setting

Fig. 3A

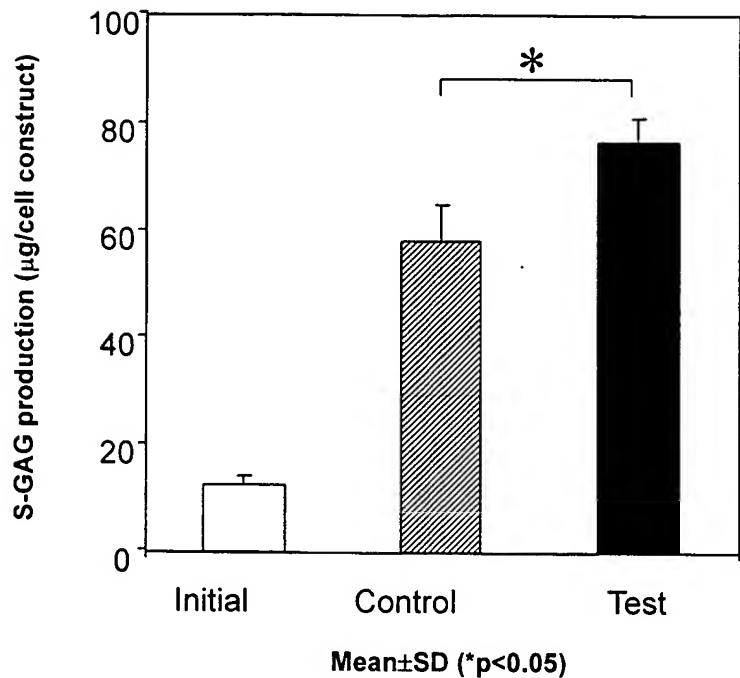


Fig. 3B



*: S-GAG accumulation



Collagen sponge

Fig. 3C

Fig. 4A

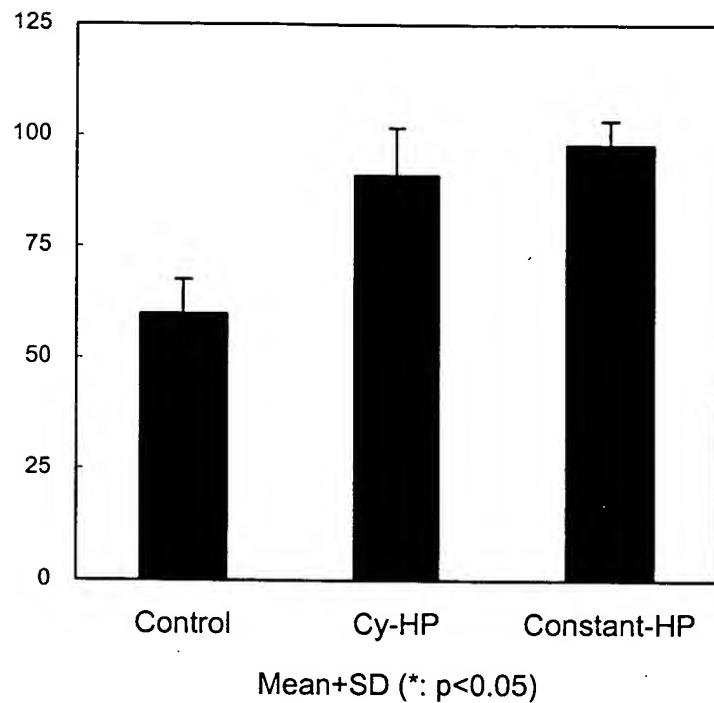


Fig. 4B

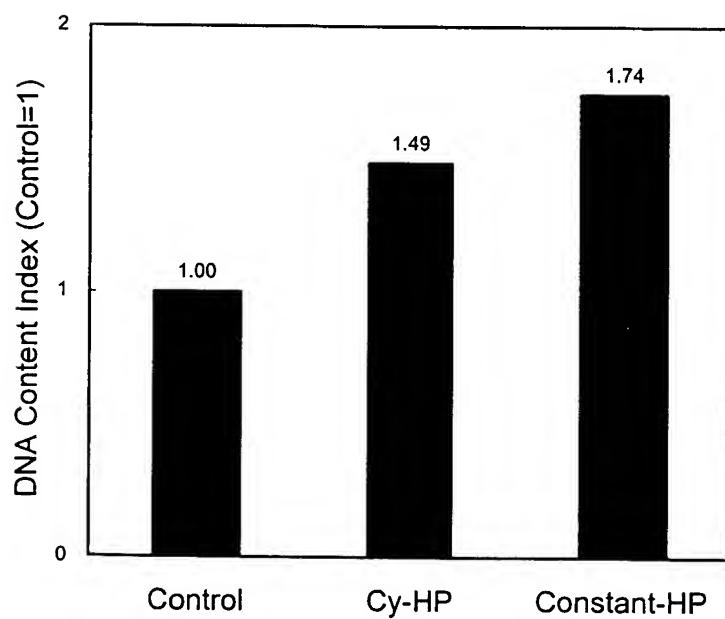
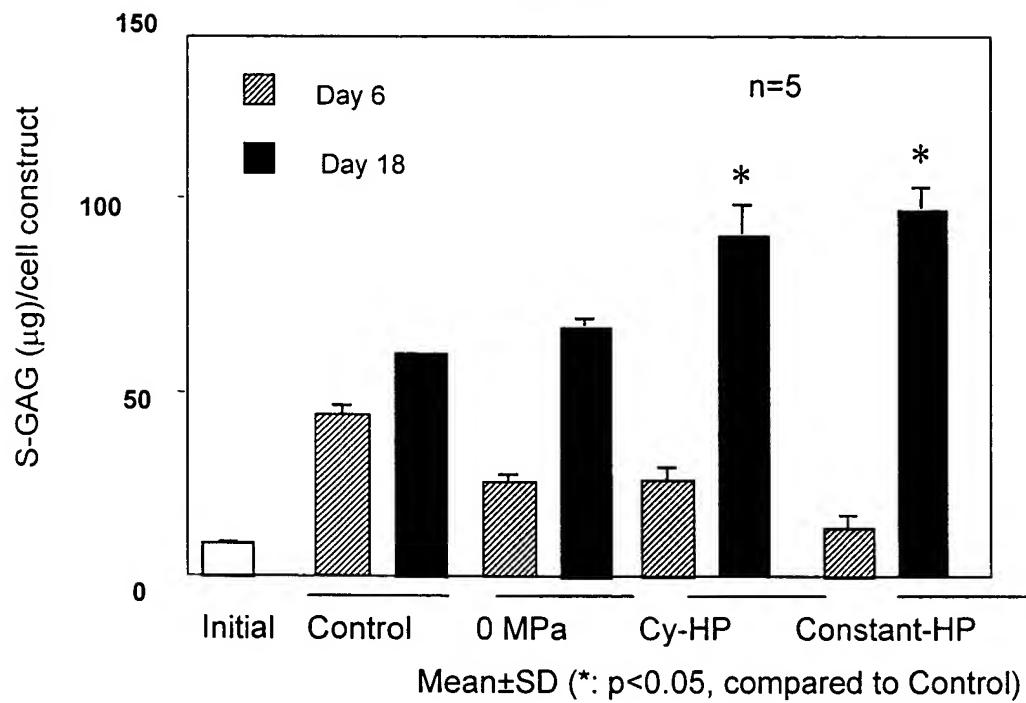


Fig. 5A



(*: $p<0.05$, compared to Static, **: $p<0.05$, compared to

Fig. 5B

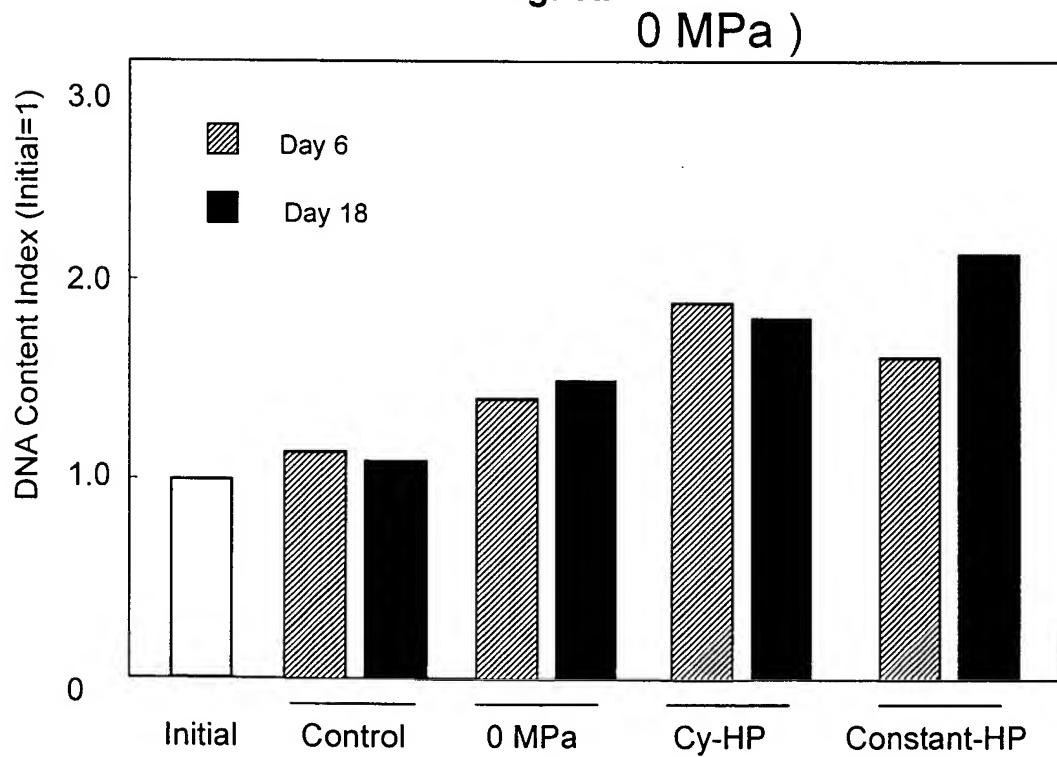


Fig. 6A



Fig. 6B



*: S-GAG accumulation (Day 18)

Collagen sponge

Fig. 6C

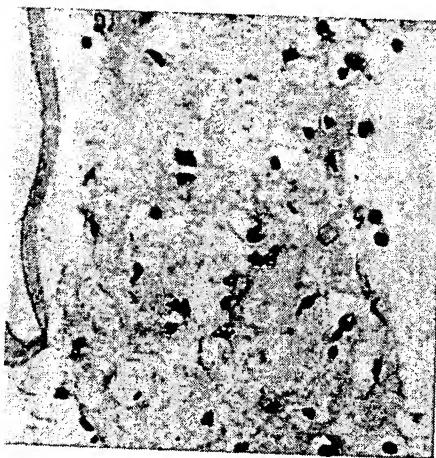


Fig. 6D



*: Type II collagen accumulation (Day 6)

Fig. 7A

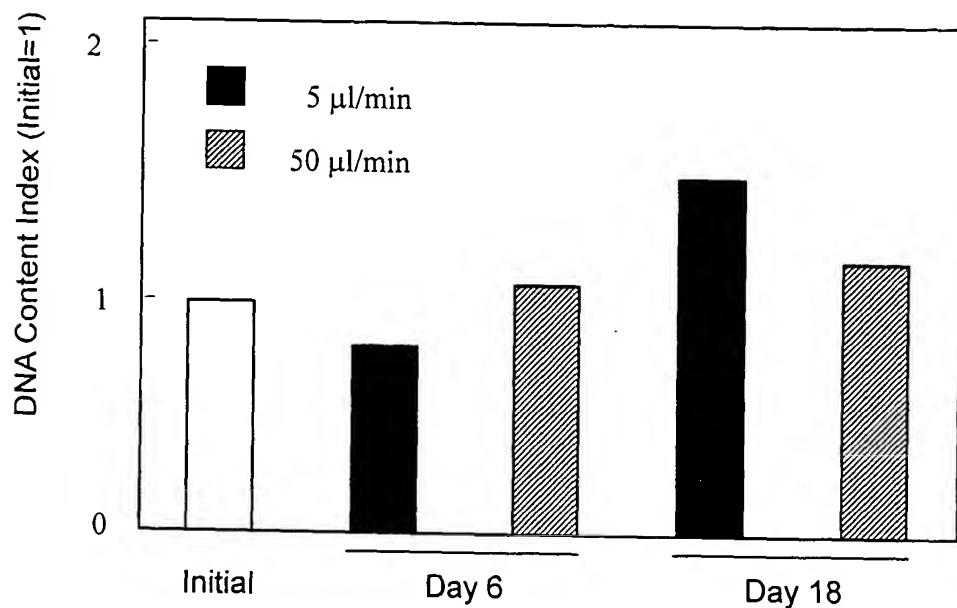
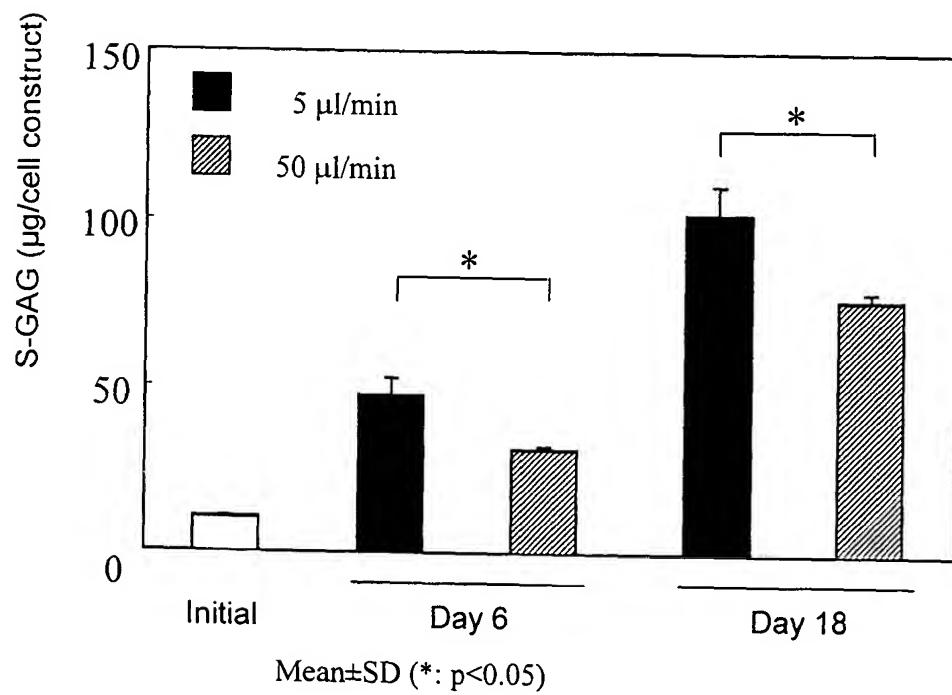


Fig. 7B



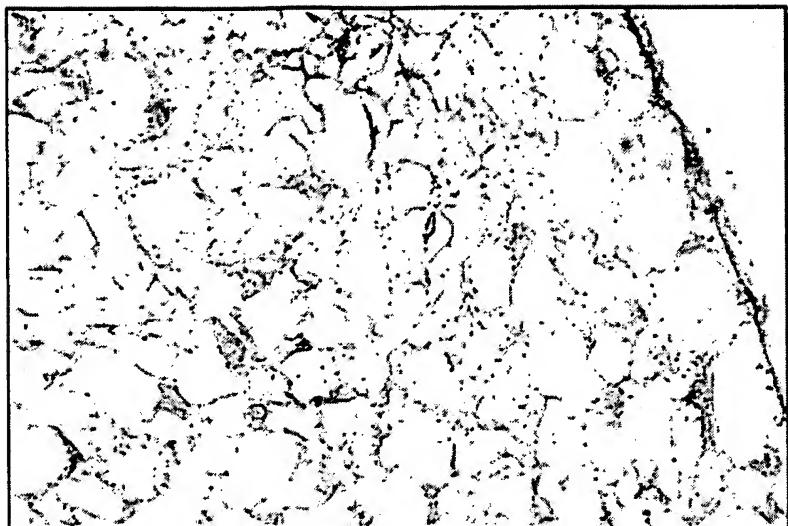


Fig. 8A

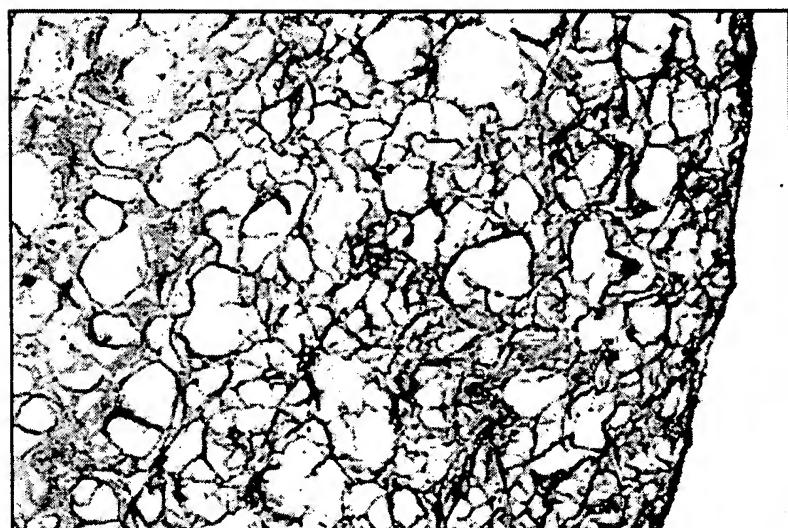


Fig. 8B

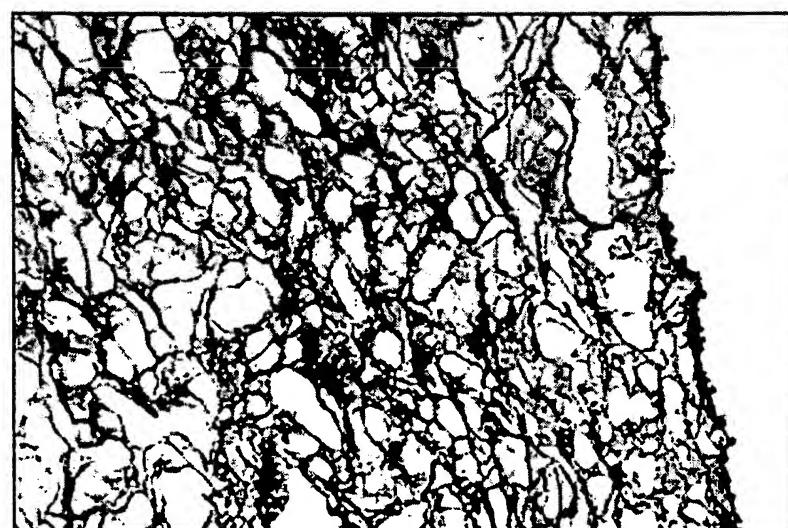


Fig. 8C

Fig. 9A

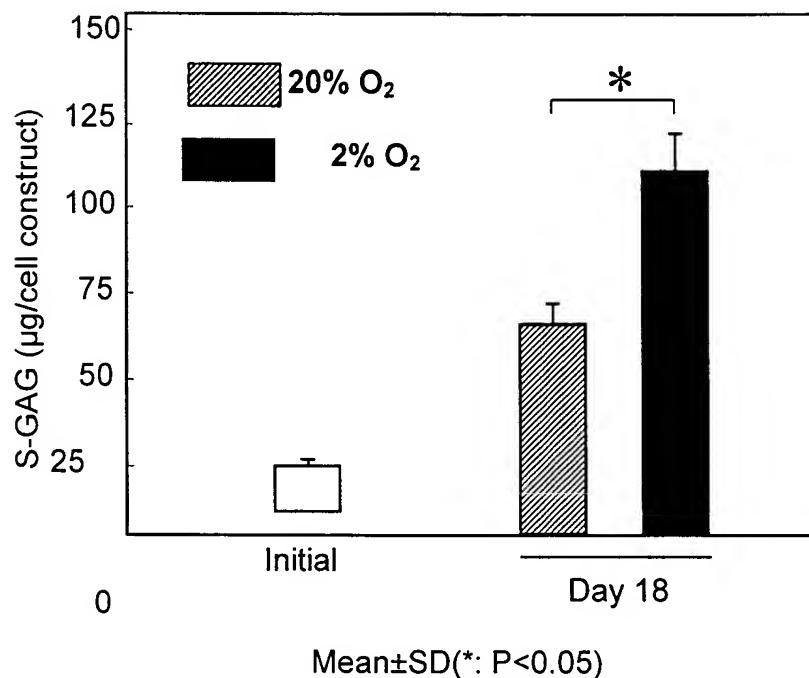


Fig. 9B

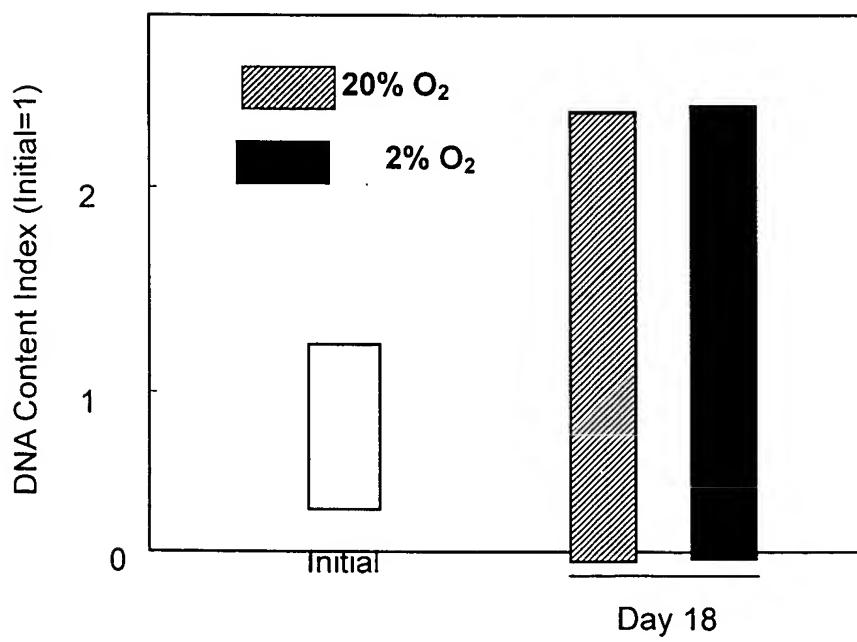


Fig. 10A

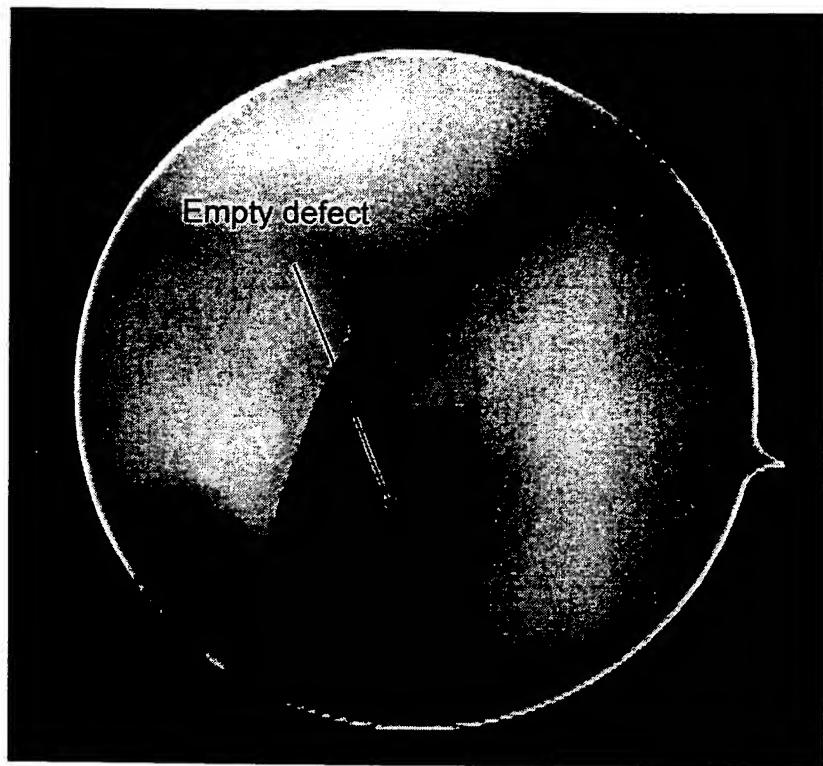


Fig. 10B Superficial cartilage layer

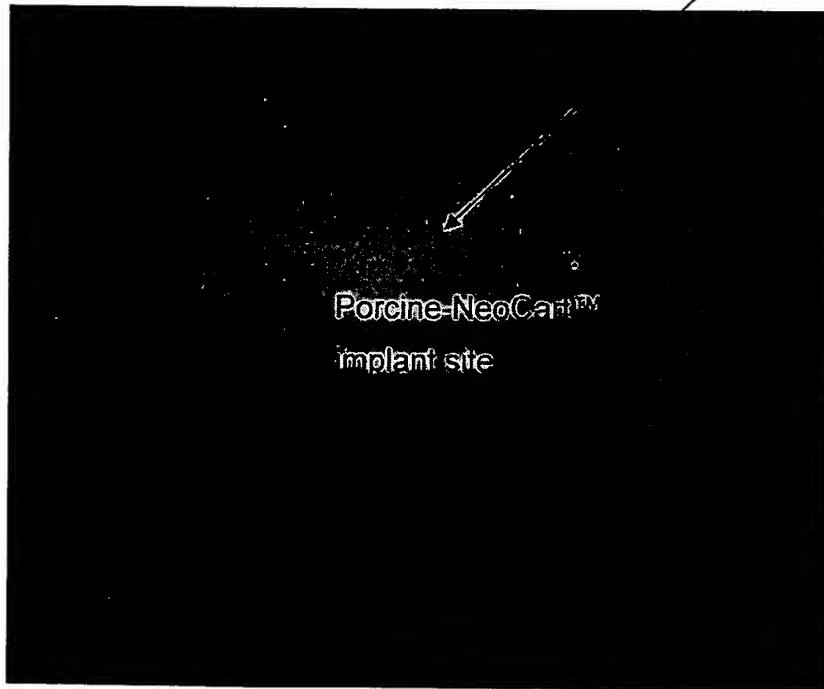
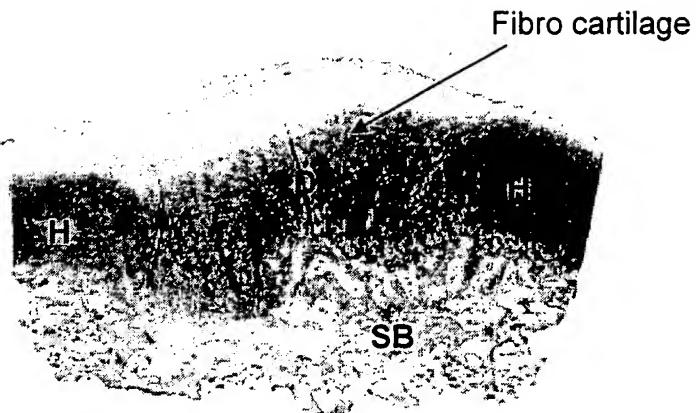
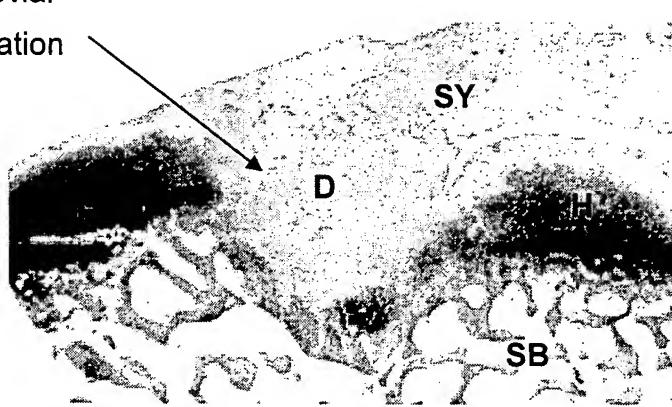


Fig. 11A



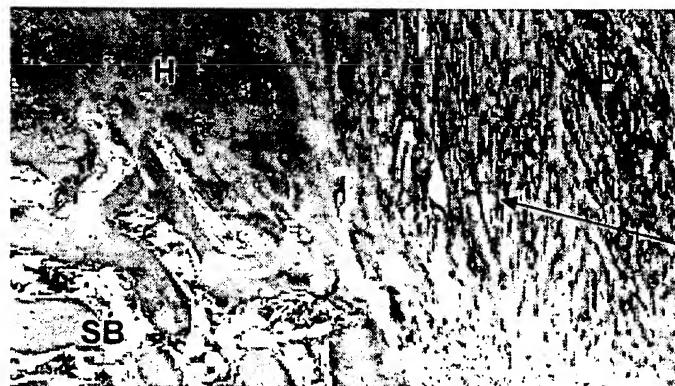
H: Host cartilage, D: Defect site, SB: Subchondral bone

Fig. 11B

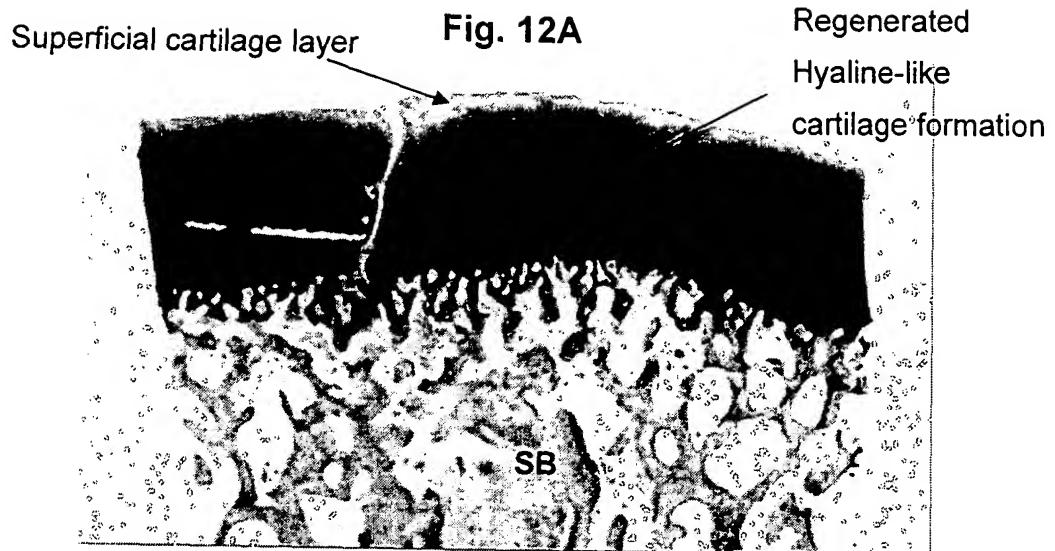


H: Host cartilage, D: Defect site, SB: Subchondral bone, SY: Synovium

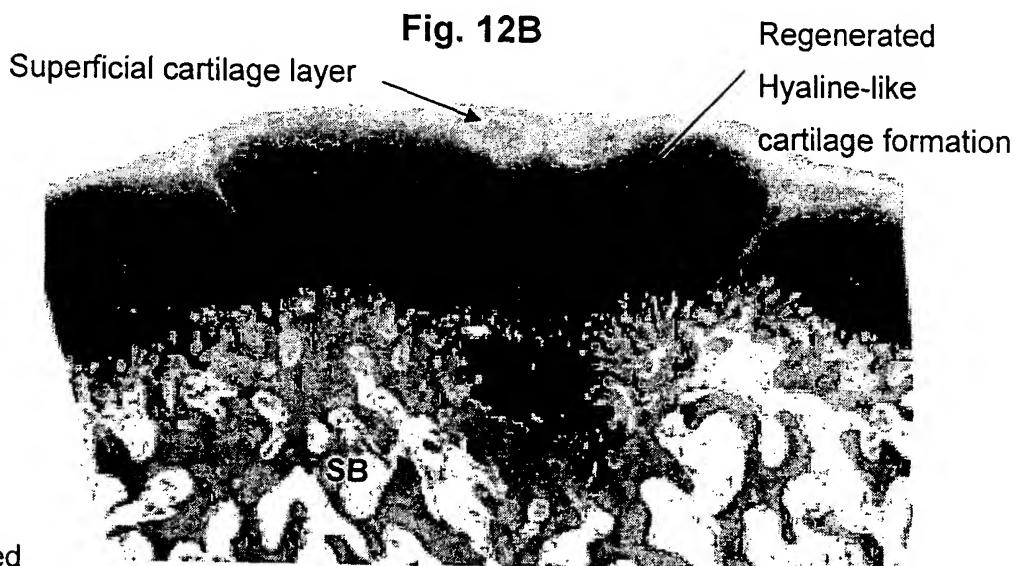
Fig. 11C



H: Host cartilage, D: Defect site, SB: Subchondral bone



H: Host cartilage, N: Porcine-NeoCart™ implant site, SB: Subchondral bone



Regenerated
Hyaline-like
cartilage

Fig. 12C

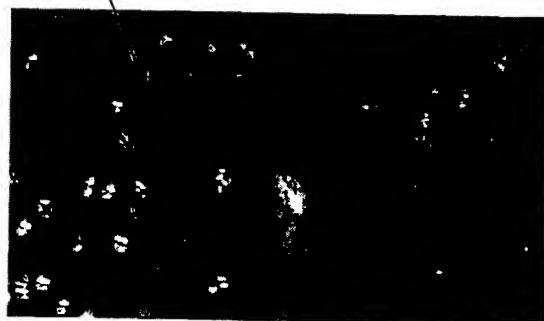


Fig. 12D



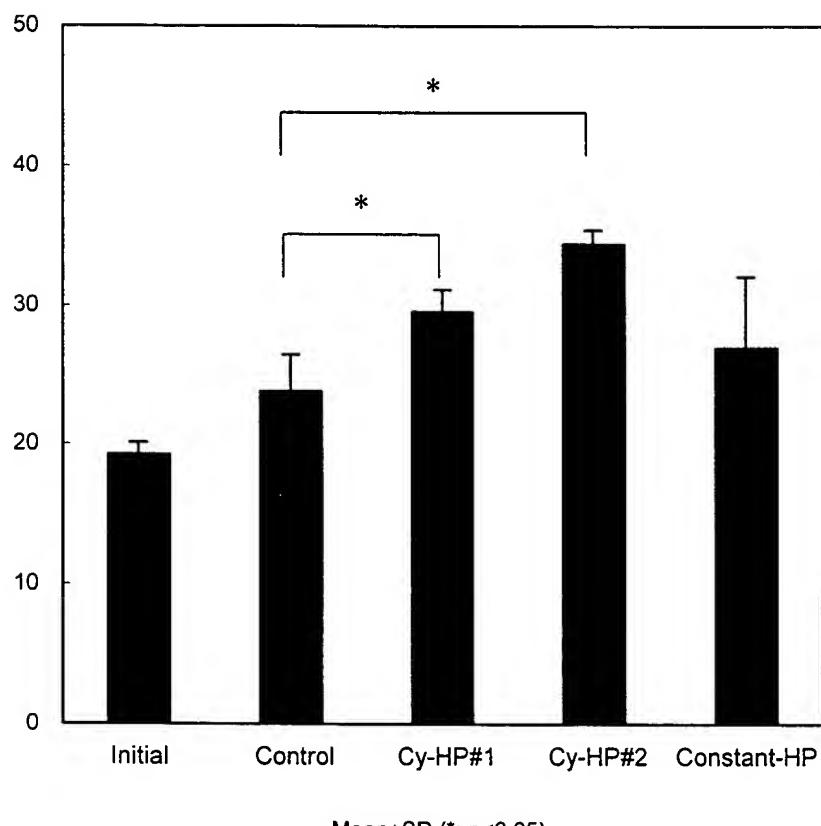
Fig. 13

Fig. 7/4

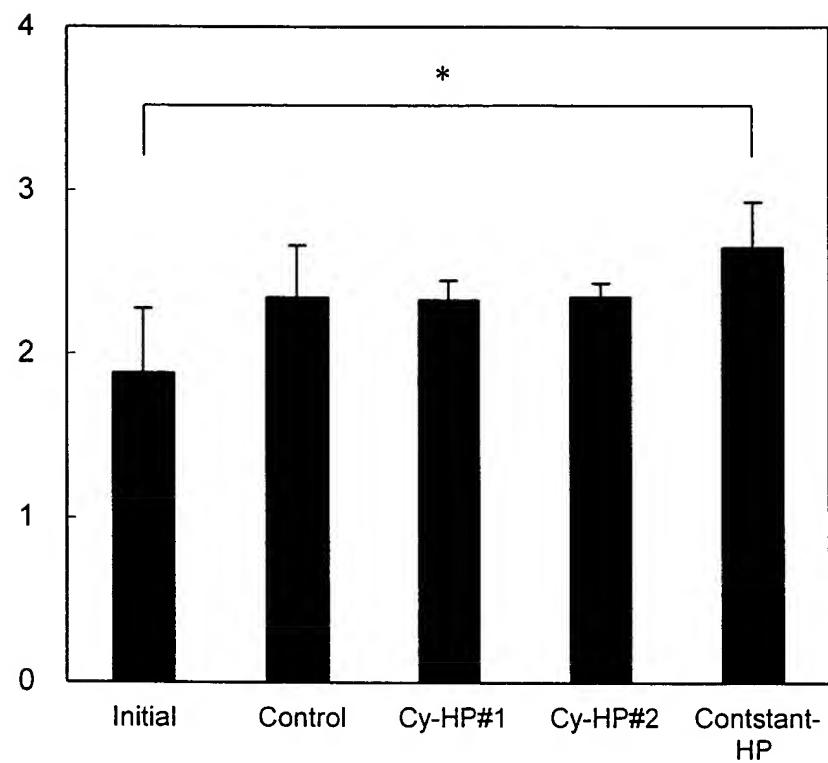


Fig. 3A



Fig. 3B



Fig. 3C



Fig. 3D



Fig. 3E

